

Title (en)

METHOD OF PURIFICATION OF CLOSTRIDIUM DIFFICILE TOXIN A AND PRODUCTION OF MONO-SPECIFIC ANTIBODIES

Title (de)

VERFAHREN ZUR REINIGUNG DES TOXIN A AUS CLOSTRIDIUM DIFFICILE UND HERSTELLUNG VON MONOSPEZIFISCHEN ANTIKÖRPERN DAGEGEN

Title (fr)

PROCEDE DE PURIFICATION DE LA TOXINE A DE CLOSTRIDIUM DIFFICILE ET DE PRODUCTION D'ANTICORPS MONOSPECIFIQUES

Publication

EP 0763100 B1 20080514 (EN)

Application

EP 95942617 A 19951208

Priority

- US 9516150 W 19951208
- US 41464095 A 19950331

Abstract (en)

[origin: WO9630494A1] A method is provided for the purification of Clostridium difficile Toxin A comprising reacting impure Toxin A with immobilized mono-specific polyclonal antibodies. The polyclonal antibodies are coupled to a hydrazide group containing matrix such as hydrazide activated agarose gel. The immobilized antibody is specific for Toxin A and will greatly purify Toxin A from a Toxin A containing solution. Antibodies raised to Toxin A purified according to the method are of higher activity than antibodies produced from prior art purified Toxin A.

IPC 8 full level

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CPC (source: EP US)

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Citation (examination)

- DE 2652636 A1 19780524 - WOLF HANS UWE DR RER NAT
- BANNO Y. ET AL.: "Biochemical characterization and biologic actions of two toxins (D-1 and D-2) from Clostridium difficile.", REVIEWS OF INFECTIOUS DISEASES, vol. 6, 1984, pages S11 - S20, XP008057265

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